Washington Aqueduct (LB0)

The mission of the Washington Aqueduct is to collect, purify and pump an adequate supply of potable water for the District of Columbia, Arlington County and the City of Falls Church, Virginia.

Chief	**Thomas P. Jacobus**
Proposed Operating Budget ($ in thousands)	**$45,091**

Fast Facts

- The proposed FY 2001 operating budget is $45,091,000, an increase of $1,558,000, or 3.6 percent, over the FY 2000 approved budget.
- During FY 2000, the Washington Aqueduct received revenue from three wholesale customers, The District Water and Sewer Authority (WASA), City of Falls Church, and County of Arlington.

FY 2001 Proposed Budget by Control Center

The basic unit of budgetary and financial control in the District's financial management system is a control center. The Washington Aqueduct is comprised of one control center that serves as the major component of the agency's budget.

FY 2001 Proposed Budget by Control Center

(Dollars in Thousands)

Washington Aqueduct

Control Center	Proposed FY 2001 Budget
1000 WASHINGTON AQUEDUCT	45,091
LB0 Washington Aqueduct	45,091

Agency Overview and Organization

The Aqueduct achieves its mission by collecting, purifying, and pumping potable water to the District and Northern Virginia. An estimated 67 billion gallons of purified water will be pumped to the Aqueduct's customers in FY 2001. The Washington Aqueduct owns and operates intake works facilities on the Potomac River in Great Falls and Little Falls Maryland. The Aqueduct also owns and operates two 12–mile long gravity conduit systems with a 200 combined million gallon per day (mgd) capacity; a 450-mgd raw water pumping station; a 480-mgd finished water pumping station; two major treatment plants with 400-mgd capacity, three booster pumping stations, seven finished storage reservoirs, and many large diameter transmission mains.

The District of Columbia Water and Sewer Authority (WASA) funds the District's portion of the costs of the Washington Aqueduct. WASA purchases potable water using its supplies budget, and making monthly payments to the Washington Aqueduct. The Aqueduct charges a rate based on water sales agreements with the District and Northern Virginia. The District of Columbia, Arlington County, and the city of Falls Church, Virginia is responsible for water distribution.

The Washington Aqueduct is a division of the U.S. Army Corps of Engineers. The Aqueduct does not receive appropriated funding. Moreover, the agency is prohibited from using appropriated funds to operate the water supply system. As a federal entity, the Aqueduct needs the Congress to authorize the agency's operations. The agency submits a budget to the District, in accordance with legislation, to obtain this authority. Organizationally, the Washington Aqueduct consists of one central office, which houses the Aqueduct Chief and the Aqueduct staff.

FY 2001 Proposed Operating Budget

The Operating Budget is composed one category: (1) Personal Services (PS).

Within the PS budget category are several object classes of expenditure such as regular pay, other pay, additional gross pay, and fringe benefits. Within the NPS budget category are several object classes of expenditure such as supplies and materials, utilities, communications, rent, other services and charges, contractual services, equipment and equipment rental, and debt service.

Authorized spending levels present the dollars and related full-time equivalents (FTE) by revenue type. Revenue types include: Local (tax and non-tax revenue not earmarked for a particular purpose); Federal (revenue provided by the federal government to support federally established programs or grants for particular purpose); Private and Other (charitable contributions and fees from fines, etc); and Intra-District (payments for services provided by one District agency to another District agency).

FY 2001 Proposed Operating Budget

(Dollars in Thousands)

Washington Aqueduct

Object Class	FY 1999 Unaudited	Budget FY 2000	Proposed FY 2001	Variance
Subsidies and Transfers	0	43,533	45,091	1,558
Subtotal for: Nonpersonal Services (NPS)	0	43,533	45,091	1,558
Total Expenditures:	0	43,533	45,091	1,558

Authorized Spending Levels by Revenue Type:	FTEs	Dollars	FTEs	Dollars	FTEs	Dollars	FTEs	Dollars
Other	0	0	0	43,533	0	45,091	0	1,558
Total:	0	0	0	43,533	0	45,091	0	1,558

Agency Funding Summary

The proposed FY 2001 operating budget *for all funding sources* is $45,091,000, an increase of $1,558,000 or 3.6 percent, over FY 2000 approved budget. The Washington Aqueduct is managed by the Army Corps of Engineers. The agency's Other funds are earned by selling water from the Aqueduct to the District's Water and Sewer Authority (WASA), Arlington County and the City of Falls Church, Virginia.

- **Other.** The proposed *other* revenue budget is $45,091,000, an increase of $1,558,000 over the FY 2000 budget. The entire increase is in nonpersonal services.

  The change in nonpersonal services is comprised of:

  – $578,000 increases for higher equipment and service costs.

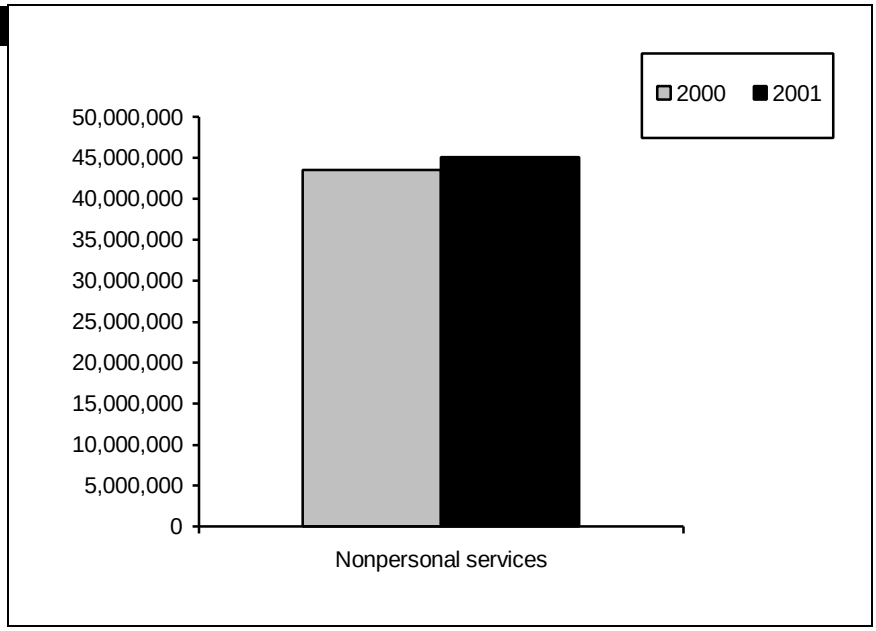
  – ($820,000) decrease in pay-as-you-go capitol.

  – $1,800,000 increase in debt service. WASA has paid off the bonds and loans provided by the DC Government, but the debt is carried on the books to recoup the payments owed by Northern Virginia customers. The payments are transferred to WASA in the form of lower water bills. Borrowing under the Treasury Loan program is still underway, so the amount of this debt service should continue to rise through 2004.

Figure 1

FY 2001 Proposed Budget Includes an Increase in NPS

Nonpersonal services increased by 3.6 percent, from $44 million to $45 million.



Performance Measures for Washington Aqueduct

An Average of 27 Million Gallons Per Day of Potable Water: Arlington

Performance Measure	1998 Actual	1999 Actual	2000 Estimate	2001 Projected	2002 Projected
Million Gallons	27	28	27	27	27
Performance Measure	**2003 Projected**	**2004 Projected**			
Million Gallons	28	28			

An Average of 135 Million Gallons Per Day of Potable Water: District of Columbia

Performance Measure	1998 Actual	1999 Actual	2000 Estimate	2001 Projected	2002 Projected
Million Gallons	133	138	135	135	136
Performance Measure	**2003 Projected**	**2004 Projected**			
Million Gallons	136	136			

An Average of 16 Million Gallons Per Day of Potable Water: Falls Church

Performance Measure	1998 Actual	1999 Actual	2000 Estimate	2001 Projected	2002 Projected
Million Gallons	16	16	16	16	16
Performance Measure	**2003 Projected**	**2004 Projected**			
Million Gallons	16	16			

$588.00 Per Million Gallons: District of Columbia

Performance Measure	1998 Actual	1999 Actual	2000 Estimate	2001 Projected	2002 Projected
Dollars	432	478	527	588	615
Performance Measure	**2003 Projected**	**2004 Projected**			
Dollars	633	649			

66,173 Million Gallons Pumped

Performance Measure	1998 Actual	1999 Actual	2000 Estimate	2001 Projected	2002 Projected
Million Gallons	64,098	67,144	65,202	66,173	66,000
Performance Measure	**2003 Projected**	**2004 Projected**			
Million Gallons	66,192	66,097			

$7, 032,495 Revenue Collected: Arlington

Performance Measure	1998 Actual	1999 Actual	2000 Estimate	2001 Projected	2002 Projected
Dollars	5,125,512	5,332,483	6,297,571	7,032,495	7,412,776
Performance Measure	**2003 Projected**	**2004 Projected**			
Dollars	6,854,596	7,520,277			

$33,163,592 Revenue Collected: District of Columbia

Performance Measure	1998 Actual	1999 Actual	2000 Estimate	2001 Projected	2002 Projected
Dollars	22,765,281	24,347,446	29,327,940	33,163,592	36,281,813

$4,385,895 Revenue Collected: Falls Church

Performance Measure	1998 Actual	1999 Actual	2000 Estimate	2001 Projected	2002 Projected
Dollars	3,049,163	2,949,050	3,888,773	4,385,895	5,015,235

178 Parameters Tested for the internal laboratory and a contract laboratory

Performance Measure	1998 Actual	1999 Actual	2000 Estimate	2001 Projected	2002 Projected
Number	167	163	170	178	178

55 Lead and Copper Tests Performed for the District of Columbia Upon the request of WASA

Performance Measure	1998 Actual	1999 Actual	2000 Estimate	2001 Projected	2002 Projected
Number	240	110	110	55	55